

spread and interfere with one another as before. And for that reason also they must become distincter and visible to far greater Numbers. But yet the violet being obliquest will be something more dilated in proportion to its extent than the other Colours, and so very apt to appear at the exterior verges of the white.

Afterwards, by a greater obliquity of the rays, the violet and blue become more sensibly dilated than the red and yellow, and so being further removed from the center of the Rings, the Colours must emerge out of the white in an order contrary to that which they had before, the violet and blue at the exterior limbs of each Ring, and the red and yellow at the interior. And the violet, by reason of the greatest obliquity of its rays, being in proportion most of all expanded, will soonest appear at the exterior limb of each white Ring, and become more conspicuous than the rest. And the several Series of Colours belonging to the several Rings, will, by their unfolding and spreading, begin again to interfere, and thereby render the Rings less distinct, and not visible to so great numbers.

If instead of the Prisms the Object-glasses be made use of, the Rings which they exhibit become not white and distinct by the obliquity of the Eye, by reason that the rays in their passage through that Air which intercedes the Glasses are very nearly parallel to those Lines in which they were first incident on the Glasses, and consequently the rays indued with several Colours are not inclined one more than another to that Air, as it happens in the Prisms.

There is yet another circumstance of these Experiments to be considered, and that is why the black and white Rings

Rings which when should not only be at hand, but also the edges of every white rays which enter have several oblique are most oblique, the Rings bigger than Whence the breadth of Ring is expanded and inwards by the is so much the greater difference of the Pupil is wider, or the breadth of the cause the rays apt are most oblique to the thin'd Air at also the greatest white. And as the mented, the dark the neighbouring blended, the exterior Center, so that the apart, but seem to whiteness.

Among all the Colours the principal are, the naked Eye seem to